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Application Number	10/748,482
Filing Date	December 29, 2003
First Named Inventor	Heit
Art Unit	3714
Examiner Name	Rovnak, J.
Attorney Docket Number	
Total Number of Pages in This Submission	

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brian I. Marcus, Esq., Vierra Magen Marcus Harmon & DeNiro LLP
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Date	March 16, 2004

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Sheet	1	of	4	Application Number	10/748,482
				Filing Date	Dec. 29, 2003
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				Group Art Unit	3714
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		Re. 33,662		Blair et al.	08/13/1991	
		4,341,385		Doyle et al.	07/27/1982	
		5,013,047		Schwab	05/07/1991	
		5,023,408		Murakami et al.	06/11/1991	
		5,082,286		Ryan et al.	01/21/1992	
		5,169,516		Carr	12/08/1992	
		5,190,285		Levy et al.	03/02/1993	
		5,330,380		McDarren et al.	07/19/1994	
		5,435,573		Oakford	07/25/1995	
		5,731,801		Fukuzaki	03/24/1998	
		889,515		Foley	06-02-1908	
		3,052,041		Luxton et al.	09-04-1962	
		4,968,255		Lee et al.	11-06-1990	
		5,088,928		Chan	02-18-1992	
		5,188,368		Ryan	02-23-1993	
		5,129,654		Bogner	07-14-1992	
		5,275,567		Whitfield	01-04-1994	
		5,823,782		Marcus et al.	10-20-1998	
		5,855,483		Collins et al.	01-05-1999	
		5,402,151		Duwaer	03-28-1995	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			DE 3813779		Bauer et al.	11/02/89		
			EP606790		Lebensfeld et al.	07/20/94		✓
			FR2607400		Chacun et al.	06/03/88		
			SU844011			07/07/81		
			GB2103943		Blenkinsop et al.	03/02/83		✓
			GB2237514		Taylor	05/08/91		✓
			SE7812190					
			20792		Cizmadia			
			WO 9603188A1		Gilboa	02-08-1996		
			DE4207534A1		Hegener	09-16-1993		✓

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(use as many sheets as necessary)

Sheet	2	of	4
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Sheet	3	of	4		

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		Number	Kind Code² (if known)			
		5,134,388		Murakami	07-28-1992	
		4,391,447		Dudley	07-05-1983	
		5,188,533		Wood	02-23-1993	
		5,511,980		Wood	04-30-1996	
		5,009,603		Fong et al.	04-23-1991	
		4,023,807		Santianni	05-17-1977	
		3,798,792		Askew	03-26-1974	
		3,795,063		Nelson	03-05-1974	
		3,665,618		Hahn	05-30-1972	
		3,654,706		Perrella	04-11-1972	
		3,314,165		Shreck et al.	04-18-1967	
		4,550,250		Mueller et al.	10-29-1985	
		5,481,265		Russell	01-02-1996	
		5,651,548		French et al.	07-29-1997	
		5,991,693		Zalewski	11-23-1999	
		3,920,124		Patterson	11-18-1975	
		4,028,537		Snow	06-07-1977	
		5,019,714		Knowles	05-28-1991	
		5,252,814		Tooley	10-12-1993	
		5,298,731		Ett	03-29-1994	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			SU 878324		Artsybashev	02-19-1980		✓
			JP 405177056A		Miyamoto et al.	07-20-1993		✓
			JP 354062033A		Koike	05-18-1979		✓
			EP0310766 A1		Wai-Kuen Lee et al.	04-12-1989		✓

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		Number	Kind Code ² (if known)			
		5,540,301		Dumont	07-30-1996	
		5,252,814		Tooley	10-12-1993	
		5,302,132		Corder	04-12-1994	
		5,618,182		Thomas	04-08-1997	
		6,052,117		Ohara et al.	04-18-2000	
		6,464,503		Heit	10-15-2002	
		4,176,470		Fosner et al.	12-04-1979	
		4,287,568		Lester	09-01-1981	
		4,836,075		Armstrong	06-06-1989	
		4,936,185		Yamauchi et al.	06-26-1990	
		5,349,129		Wisniewski et al.	09-20-1994	
		5,451,178		Yorozu et al.	09-19-1995	
		5,213,510		Freeman	05-25-1993	
		5,120,065		Driscoll et al.	06-09-1992	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			JP 5-68753A			03-23-1993		✓
			FR 2563745		Serina	05-07-1984		
			EP 471572 A1		Hareli	02-19-1992		✓

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